

Texas Air National Guard Air Active Guard Reserve (AGR) Vacancy

Announcement Number: **AGR-18-146**

Open Period: **27 February 2018 to 14 March 2018**

Open Areas of Consideration: **Nationwide**

This vacancy announcement is open to current members of the Texas Air National Guard and those eligible to transfer to the Texas Air National Guard.

Appointment Factors: **Open to NTE TSgt/E-6**

Position Information:

Title: Aerospace Propulsion (*Multi-hire*)

Grade: TSgt/E-6

DAFSC: 2A671H

Two Position #/s: (0148) 0105503934 / (0148) 0106265234

Unit/Duty Location: 136 MXS, NAS JRB Fort Worth, TX

Funding Availability: **AGR Funded eff 1-Apr-18; member estimated start date no earlier than 1-Apr-18**

Concurrently Advertised: **N/A**

SUMMARY

Specialty Summary. Inspects, maintains, modifies, tests, and repairs propellers, turboprop and turboshaft engines, jet engines, small gas turbine engines, and engine ground support equipment (SE). Manages aerospace propulsion functions and activities.

Duties and Responsibilities:

- Removes, installs, certifies, repairs, modifies, overhauls, and installs turboprop engines, reduction gear boxes, turbine modules, compressor modules, auxiliary power units, propellers and related propeller components as required. Performs maintenance on all propulsion systems including troubleshooting and diagnosing defects, certifying, conducting bench checks, performing in-shop and on-equipment repairs and overhauls. Diagnoses malfunctions using computerized test equipment, schematic diagrams, and technical publications and performs the appropriate repair according to the test results and analysis. Determines the extent of disassembly necessary to repair, overhaul, replace and certify all engine, propeller and auxiliary power unit parts. Cleans and inspects engine and propeller component parts such as turbines, gearboxes, blades, gears, bearings, etc. Assembles engines, propellers and auxiliary power units, adhering to prescribed procedures, torque values, safety methods and clearances. Troubleshoots propellers using electric and hydraulic test stands to check for proper operation and evidence of oil leakage. Operationally checks engines and propeller assemblies and auxiliary power units, by using the engine test cell facility to meet all full power run checks on the engine and propeller assemblies and auxiliary power units.
- Modifies engines, propellers, auxiliary power units, and components in accordance with Time Compliance Technical Orders (TCTO) directives; removes and installs engine quick change kits; prepares engines for installation and installs engine and propeller assemblies on aircraft. Evaluates technical problems of repair, overhaul, modification and installation of aircraft propulsion systems. Solves all types of maintenance problems and performs bench checks and test engine and propeller assemblies for serviceability.
- Performs operational checks of installed propellers, engines, auxiliary power units and sub-systems during aircraft maintenance ground runs IAW approved checklists. Employs test equipment such as computer borescope, fuel pressure gauges, air pressure gauges, and alignment fixtures. Utilizes special tools and precision measuring equipment, high-pressure hydraulic test equipment, and electronic test equipment.
- Performs isochronal and special evaluations on engines, propellers and auxiliary power units. Interprets certification findings and determines adequacy of corrective action. Certifies installed and repaired engines for compliance with technical publications. Performs fixed and mobile test stand functions (which may include maintenance of engine test cell facility); installs special test equipment; performs pre-operational and post operational checks. Operates engines and propellers and records test data. Operates, certifies, and maintains computerized engine test/trim automated systems (ETTAS) on the engine test cell. Evaluates, identifies and corrects problems on propeller and engine components causing vibration or impending failure using the ETTAS system, and vibration analyzer. Evaluates engine and propeller performance by computing engine torque and specific fuel consumption. Monitors engine RPM and turbine inlet temperatures. Evaluates engine and propeller performance and accepts or rejects the individual components. Removes engine and propeller from test stand and prepares units for aircraft installation or storage. Accomplishes

operator maintenance on the aircraft and engine sound suppresser facility, test stands and various pieces of ground equipment, including the auxiliary power unit test cell. Performs dynamic propeller balancing and tests the propeller integrated synchrophasing. Tests variable potentiometers, servo-motors, indicators and aircraft wiring.

- Performs aircraft full power runs and complete engine and propeller efficiency checks. Clears Red X symbol documentation on engine and propeller related components.
- Prepares man-hour data collection and required forms for input into G081 (AFI 22-2101, CAMS for Mobility). Reviews and assists in maintaining Technical Orders (TOs) and other technical publications and directives pertinent to the element.
- Maintains bench stock, parts, and equipment. Assists the material control function in identifying part numbers and stock numbers for processing and controlling of repair cycle assets.
- Provides on-the-job training for assigned personnel. Plans and conducts formal classes of instruction in techniques of repair and maintenance of aircraft engine, propeller, auxiliary power unit, and related equipment and in the use of diagrams, blueprints, wiring schematics and technical publications. Evaluates effectiveness of training by observation and through written and oral examinations. Advises supervisor of the experience and skill levels of assigned personnel. Maintains training documentation.

QUALIFICATION REQUIREMENTS

- **Trainees Applicable:** **ASVAB score required for retraining into 2A6X1H: M=56 / Strength Code= J, 60lbs**
- Knowledge. Knowledge is mandatory of: mechanical, hydro mechanical, electrical, and hydraulics principles applying to jet and turboprop engines, and propellers; oil analysis principles; wear metal criteria and guidelines; concepts and application of maintenance directives; using and interpreting diagrams and technical publications; and the proper handling, use, and disposal of hazardous waste and materials.
- Training. For award of AFSC 2A631C/D/E or H, completion of a basic, suffix specific, aerospace propulsion maintenance course is mandatory.
- Specialty requires routine access to Secret material or similar environment. For award and retention of AFSCs 2AXXX, completion of a current National Agency Check, Local Agency Checks and Credit (NACLC) according to AFI 31-501, *Personnel Security Program Management*.

CONDITIONS OF EMPLOYMENT

1. AGR applicants should be able to attain 20 years TAFMS in the AGR career program. Waiver authority of this requirement is The Adjutant General. Individuals selected for AGR tours that cannot attain 20 years of active federal service prior to reaching mandatory separation, must complete the Statement of Understanding. The HRO will maintain the completed and signed Statement of Understanding.
2. It is not the intent of the AGR program to bring non-career applicants into the sanctuary zone [18 to 20 years Total Active Federal Military Service (TAFMS)]. Anyone whose order [AD or FTNGD orders (other than training)] places them at 18 years or more TAFMS will require a signed and approved sanctuary waiver IAW AFI 36-2131, Administration of Sanctuary in the Air Reserve Components.
3. To accept an AGR position, an applicant's military grade cannot exceed the maximum military authorized grade on the UMD for the AGR position.
4. To be accessed in the AGR program, an individual must not have been previously separated for cause from active duty or a previous Reserve Component AGR tour.

INSTRUCTIONS FOR APPLYING: INCOMPLETE/EXPIRED PAPERWORK WILL **NOT** BE CONSIDERED

- **Required:** **NGB Form 34-1, Application for Active Guard/Reserve (AGR) Position, dated 11NOV2013;** previous versions are obsolete. Announcement number & position title must be annotated on the form. (i.e. "AGR-18-XX")
- **Required:** **Current Report of Individual Person (RIP), within the last 90 days.** For AF/ANG, you can obtain your Records Review RIP from your FSS/CSS or go to <https://w45.afpc.randolph.af.mil/AFPCSecureNet40/CheckPortal.aspx> (RIP must show your ASVAB scores and awarded AFSCs). RIPs must be no more than 90 calendar days old.
- **Required:** **Current Report of Individual Fitness Assessment, within the last 12 months.** Selectee must meet the minimum requirements for each fitness component in addition to an overall composite of 75 or higher for entry into the AGR program. **For members with a documented DLC prohibiting them from performing one or more components of the Fitness Assessment, an overall "Pass" rating is required.

- **Required**, *if applicable*: A signed memo to willingly take a demotion; for enlisted members, higher ranking to the appointment factors.
- **Optional**: DD214s, EPRs/OPRs, Resume, letters of recommendation
- **Optional**: Current Preventative Health Assessment (PHA)/physical qualification status:
- Individuals selected for AGR tours must meet the Preventative Health Assessment (PHA)/physical qualifications outlined in AFI 48-123, *Medical Examination and Standards*. They must also be current in all Individual Medical Readiness (IMR) requirements to include immunizations. RCPHA/PHA and dental must be conducted not more than 12 months prior to entry on AGR duty and an HIV test must be completed not more than six months prior to the start date of the AGR tour. Individuals transferring from Title 10 (Regular Air Force or Reserve Component Title 10 Statutory Tour) are not required to have a new physical unless the previous physical is over 12 months old at time of entry into AGR status.
- Individuals on a DD Form 469, *Duty Limiting Condition Report* at the time of AGR physical package evaluation will not be deemed medically qualified. Individuals may apply for AGR tours as long as meet the aforementioned requirement and subsequently are medically cleared off any DLC/medical profile prior to starting a new AGR tour. An initial AGR order will not be published prior to ensuring the selected applicant is off any duty limitations before starting their AGR tour.

SUBMISSION OF APPLICATION

Applications must arrive at the HRO Applications Inbox at the following e-mail address: nq.tx.txarng.list.hro-agr-air@mail.mil **no later than 2359 Central Time** on the closeout date of the job announcement. Applications *must* be complete upon initial submission in one single PDF package, emailed with the proper naming convention of Last Name-Announcement number (i.e. Last Name-AGR-18-XX) in the subject line. Applications submitted in pieces and/or without the announcement number and position title on the NGB 34-1 will not be accepted and will be automatically disqualified.

Encrypt emails for your protection. For unencrypted emails, redact Personal Identifiable Information (PII); such as SSN, DOB, home/mailling address, height, weight, Body Mass Index, marital status, number of dependents, religious preference. Copies of official transcripts will be accepted (see if required per the announcement). If selected for the job announcement, official transcripts will be required at a later date. Incomplete packages, packages not meeting mandatory requirements, or packages received after the close out date, as indicated on the job announcement, will **NOT** be considered.

Applications will be reviewed after the close out date. Disqualification notifications will be emailed to applicable applicants NLT *10 days after the announcement close date*. **If you need to update a previously submitted package**, and it is before the closeout date, you *must* send a new complete package with the updated information. Sending only the updates will disqualify your package, as incomplete packages are not accepted. It will need to be named, in the subject line, as Update Last Name-Announcement number in the following format (i.e. "Update Last Name-AGR-18-XX")

REMARKS

All notifications of selection are conditional until verification of security clearance, medical clearance, and HRO approval.

More than one selection may be made from this announcement.

The Texas National Guard is an Equal Opportunity Employer.